

***** DRAFT DATA *****

2011 8-Hour Ozone (updated through June 30, 2011)

AQS Number	Site Name	1st Max 8-Hour (ppm)	Date 1st Max 8-Hour	2nd Max 8-Hour (ppm)	Date 2nd Max 8-Hour	3rd Max 8-Hour (ppm)	Date 3rd Max 8-Hour	4th Max 8-Hour (ppm)	Date 4th Max 8-Hour	5th Max 8-Hour (ppm)	Date 5th Max 8-Hour
08-001-3001	Welby	0.089	06/24	0.076	06/07	0.074	06/15	0.074	06/22	0.070	04/28
08-005-0002	Highland	0.087	06/24	0.075	06/22	0.071	06/15	0.070	04/28	0.068	06/23
08-005-0006	Aurora East	0.079	06/24	0.077	06/07	0.074	06/14	0.073	05/10	0.073	06/15
08-013-0011	S. Boulder Creek	0.082	06/24	0.073	05/10	0.072	06/22	0.071	05/08	0.071	05/31
08-031-0014	Carriage	0.090	06/24	0.075	06/07	0.075	06/22	0.074	06/15	0.070	05/31
08-031-0025	Denver - Animal Shelter	0.075	06/24	0.070	06/07	0.067	06/15	0.067	06/22	0.064	05/09
08-035-0004	Chatfield State Park	0.099	06/24	0.084	06/07	0.076	06/22	0.074	05/31	0.073	06/15
08-041-0013	Colo. Spgs. - Academy	0.083	06/22	0.078	06/14	0.077	05/30	0.074	06/07	0.073	05/31
08-041-0016	Manitou Springs	0.080	06/22	0.078	05/30	0.075	05/31	0.075	06/14	0.074	06/24
08-045-0012	Rifle - Health	0.068	06/10	0.068	06/19	0.066	05/30	0.066	06/14	0.064	05/29
08-059-0002	Arvada	0.100	06/24	0.079	06/07	0.071	06/22	0.069	04/28	0.069	05/18
08-059-0005	Welch	0.087	06/24	0.077	06/22	0.076	06/07	0.073	06/15	0.069	05/31
08-059-0006	Rocky Flats - N	0.104	06/24	0.082	06/22	0.077	06/07	0.074	05/31	0.074	06/15
08-059-0011	NREL	0.096	06/24	0.082	06/07	0.078	06/22	0.072	05/31	0.072	06/25
08-059-0013	Aspen Park	0.075	06/22	0.072	06/07	0.072	06/14	0.071	06/24	0.067	05/09
08-069-0007	** NPS - Rocky Mtn. NP	0.073	04/28	0.069	04/27	0.068	04/15	0.066	04/09	0.066	04/10
08-069-0011	Ft. Collins - West	0.081	06/24	0.080	06/15	0.079	06/28	0.076	05/10	0.075	06/22
08-069-0012	Rist Canyon	0.075	06/15	0.073	05/10	0.073	06/24	0.070	06/22	0.068	06/04
08-069-1004	Ft. Collins - CSU	0.071	06/24	0.068	06/15	0.065	05/10	0.065	06/22	0.064	05/30
08-077-0020	Palisade - Water	0.068	06/22	0.066	05/07	0.066	05/30	0.066	06/14	0.065	06/10
08-083-0006	Cortez	0.070	06/30	0.069	05/07	0.067	05/31	0.067	06/15	0.065	06/09
08-123-0009	Greeley - Weld Tower	0.078	06/24	0.077	06/22	0.076	05/10	0.072	05/18	0.071	06/14

NOTES: Values above the level of the 8-hour standard (0.075 ppm) are highlighted in yellow.

** Rocky Mtn. NP data through April 30, 2011

The 8-hour ozone standard is written such that attainment is met if the 3-year average of the 4th maximum value from each of the 3 years is less than or equal to 0.075 ppm. Thus, by looking at the 4th maximum values from the previous 2 years, it is possible to see what the highest 4th maximum level for the current year could be and still remain in attainment of the standard.

This table provides information on the 4th maximum values for 2009 and 2010, the current 4th maximum value for 2011, the current 3-year average, and the maximum possible level for 2011 in order to remain in attainment of the ozone standard.

3-Year Average 4th Maximum Ozone Values

Site Name	AQS #	<u>2009</u> 4 th Maximum 8-Hour Average Value (ppm)	<u>2010</u> 4 th Maximum 8-Hour Average Value (ppm)	<u>2011 (thru 6/30)</u> 4 th Maximum 8-Hour Average Value (ppm)	2009 - 2011 3-Year Average 4 th Maximum Value (ppm)	<u>2011</u> Highest Allowable 4 th Maximum 8-Hour Average Value (ppm)
Welby	08-001-3001	0.072	0.063	0.074	0.069	0.092
Highland	08-005-0002	0.069	0.075	0.070	0.071	0.083
Aurora East	08-005-0006	0.066	0.070	0.073	0.069	0.091
S. Boulder Creek	08-013-0011	0.073	0.072	0.071	0.072	0.082
Carriage	08-031-0014	0.063	0.069	0.074	0.068	0.095
Denver - Animal Shelter	08-031-0025	0.062	0.064	0.067	0.064	0.101
Chatfield State Park	08-035-0004	0.071	0.079	0.074	0.074	0.077
USAF Academy	08-041-0013	0.060	0.068	0.074	0.067	0.099
Manitou Springs	08-041-0016	0.064	0.072	0.075	0.070	0.091
Rifle - Health	08-045-0012	0.062	0.066	0.066	0.064	0.099
Arvada	08-059-0002	0.070	0.075	0.069	0.071	0.082
Welch	08-059-0005	0.070	0.072	0.073	0.071	0.085
Rocky Flats North	08-059-0006	0.079	0.076	0.074	0.076	0.072
NREL	08-059-0011	0.068	0.074	0.072	0.071	0.085
Aspen Park	08-059-0013	0.067	0.073	0.071	0.070	0.087
NPS - Rocky Mtn. Nat'l Park	08-069-0007	0.068	0.077	0.066 (thru 4/30)	0.070	0.082
Fort Collins - West	08-069-0011	0.073	0.075	0.076	0.074	0.079
Rist Canyon	08-069-0012	0.069	0.071	0.070	0.070	0.087
Fort Collins - CSU	08-069-1004	0.063	0.066	0.065	0.064	0.098
Palisade - Water	08-077-0020	0.064	0.068	0.066	0.066	0.095
Cortez	08-083-0006	0.064	0.064	0.067	0.065	0.099
Greeley - Weld Tower	08-123-0009	0.067	0.073	0.072	0.070	0.087

NOTE: An area is considered to be in attainment of the National Ambient Air Quality Standard when the 3-year average of the annual 4th highest daily maximum 8-hour ozone concentration at a site is less than or equal to 0.075 ppm.

NOTES: Values above the level of the 3-year average 4th-maximum 8-hour standard are highlighted in red.